



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,222	09/15/2003	Hideki Nakamura	117177	9123

25944 7590 07/05/2006

OLIFF & BERRIDGE, PLC
P.O. BOX 19928
ALEXANDRIA, VA 22320

EXAMINER

GESESSE, TILAHUN

ART UNIT	PAPER NUMBER
----------	--------------

2618

DATE MAILED: 07/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/662,222	Applicant(s) NAKAMURA, HIDEKI	
	Examiner Tilahun B. Gesesse	Art Unit 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>9/15/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 through 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Kanemitsu (US pat. No. 6,928,262 B1).

Claim 1, Kanemitsu teaches a digital broadcast receiving apparatus (1) (see fig.1 and col. 5, lines 28-col. 6 line 13) comprising:

Kanemitsu teaches a tuner (receiver 1 item#5 of figure 1) for receiving a coded digital broadcast signal [the broadcast receiver device 1 comprising an antenna 3 for

receiving a digital broadcast signal "coded", see col. 5 lines 28-38 and fig.1].

Kanemitsu teaches a decoding unit [11] for decoding and outputting the received digital broadcast signal [outputting the received broadcast signal through speaker and displayer (13 and 15 of fig. 1, col. 5 lines 34-38] and extraction unit [13 and 15] for extracting service information of each of plural channels from the decoded digital broadcast signal [col. 5 lines 34-38 and figs. 1 , 4 and 5, col. 5 line 39-col. 6 line 13 and col. 6, line 59-col. 7 line 11].

Claim 2, Kanemitsu teaches a memory (9 of fig. 1) for storing the extracted service Information (see col. 5 lines 32-38 and fig. 1).

Claim 3, Kanemitsu teaches the service information is a plurality pieces of service information each of channels contains a plurality of services and the plurality of pieces services related to the services (col. 5 line 50-col. 6 lines 26).

Claim 4, Kanemitsu teaches the tuner scans carries frequencies of the digital broadcast signal to receive one carrier frequency after the memory stores the service information the tuner scans the carrier frequency to receive another carrier frequency (col. 10 lines 18-50).

Claim 5, Kanemitsu teaches a broadcast selection unit for selecting one from a group consisting of a radio broadcasting and a first storage unit for storing the service information of the selected one into the memory ((col. 10 lines 18-50).

Claim 6, Kanemitsu teaches a storage selection unit for selecting as to whether or not to store temporal service information into the memory (see figs. 1 and col. 5 lines 28-38) and

Kanemitsu teaches a second storage unit , which stores the temporal service information into the memory when the storage selection unit selects to store the 21 and 23) temporal service information into the memory (see fig. 1).

Claim 7, Kanemitsu teaches the temporal service information is at least one pieces of temporal service information, (see fig. 1 and supplemental information) comprising:

Kanemitsu teaches a detection unit for detecting as to whether or not each of temporal service information is received (see fig. 3) and a deletion unit , which deletes one temporal service information stored in the memory when the deletion unit deletes that the one temporal service information is not received (see abstract , supplemental information and fig. 3).

Claim 8, Kanemitsu teaches service selection unit for selecting one of the service information stored in the memory [col. 6 lines 26-col. 7 line29]

Kanemitsu teaches a control unit for controlling at least one of the tuner (see fig. 1 item #7)

Kanemitsu teaches the decoding unit (11) to output the selected one service information in response to an output the selected one service information, in response to an output of the service selection unit ((see figs. 1, 4)

Claim 9, Kanemitsu teaches a method of for receiving a digital broadcast (1) (see fig.1 and col. 5, lines 28-col. 6 line 13) comprising:

Kanemitsu teaches a tuner (receiver 1 item#5 of figure 1) for receiving a coded

digital broadcast signal [the broadcast receiver device 1 comprising an antenna 3 for receiving a digital broadcast signal "coded", see col. 5 lines 28-38 and fig.1].

Kanemitsu teaches a decoding unit [11] for decoding and outputting the received digital broadcast signal [outputting the received broadcast signal through speaker and displayer (13 and 15 of fig. 1, col. 5 lines 34-38) and extraction unit [13 and 15] for extracting service information of each of plural channels from the decoded digital broadcast signal [col. 5 lines 34-38 and figs. 1 , 4 and 5, col. 5 line 39-col. 6 line 13 and col. 6, line 59-col. 7 line 11].

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 571-272-7879. The examiner can normally be reached on flexible schedule.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 571-272-7899.

The Central FAX Number is 571-273-8300. For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information

Art Unit: 2618

for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

6/15/06

TILAHUN GESESSE
PRIMARY EXAMINER